

1350.3200 NUMBER OF TIES REQUIRED.

Number of Ties Required Per Side of Single Wide¹ Manufactured Homes².

This table is based on a minimum working load per anchor of 3,150 pounds with a 50 percent overload (4,725 pounds total).

1	2	3	4	5
			Alternate Method ⁴	
Length of Manufactured Home ³ (Feet)	No. of Vertical Ties	No. of Diagonal Ties ⁵	No. of Baling Straps	No. of Diagonal Ties ⁶
up to 40	2	3	2	3
40-46	2	3	2	3
46-49	2	3	2	3
49-54	2	3	2	3
54-58	2	4	2	4
58-64	2	4	2	4
64-70	2	4	2	5
70-73	2	4	2	5
73-84	2	5	2	5

¹ Double-wide manufactured homes require only the diagonal ties specified in column 3, and these shall be placed along the outer side walls.

² Except when the anchoring system is designed and approved by a registered professional engineer.

³ Length of manufactured home (as used in this table) means length excluding draw bar.

⁴ Alternate method. When this method is used, an approved reinforcement means shall be provided. If baling is used to accomplish this reinforcement, part 1350.2600, subpart 2, item F, applies.

⁵ Diagonal ties in this method shall deviate at least 40 degrees from vertical.

⁶ Diagonal ties in this method shall be 45 degrees + 5 degrees from vertical and shall be attached to the nearest main frame member.

Statutory Authority: *MS s 327.33; 327B.01 to 327B.12*

History: *24 SR 1846*

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